

**Elevated airway GSH resynthesis confers protection to Clara cells from naphthalene injury in mice ma**

Authors: West, JA; Buckpitt, AR; Plopper, CG (2000) Journal of Pharmacology and Experimental Therape  
mouse lung is 5-7 nmol/mg ptn ~ 5-7 mM

Chan JK, Kodani SD, Charrier JG, Morin D, Edwards PC, Anderson DS, Anastasio C, Van Winkle LS. Age-sp  
rat lung (adult): similar, neonate lung 40-70 nmol/mg ~ mM

**Relationship of inhaled ozone concentration to acute tracheobronchial epithelial injury, site-specific c**

Authors: Plopper, CG; Hatch, GE; Wong, V; Duan, X; Weir, AJ; Tarkington, BK; Devlin, RB; Becker, S; Buck  
Rhesus monkey lung, 5-12 nmol/mg ptn ~ mM

**Rates of glutathione synthesis in lung subcompartments of mice and monkeys: possible role in specie**

Authors: Duan, X; Plopper, C; Brennan, P; Buckpitt, A (1996) Journal of Pharmacology and Experimental  
mouse & monkey lung: 3-5 nmol/mg ptn

Vogt BL, Richie JP Jr. Glutathione depletion and recovery after acute ethanol administration in the aging

Mouse liver, 6 & 12 mos controls: 6-9 umol/g ~ mM

Lung: 2.3-2.4 umol/g ~ mM

Carbamazepine-Induced Liver Injury Requires CYP3A-Mediated Metabolism and Glutathione Depletion i

Azumi Iida, Eita Sasaki, Azusa Yano, Koichi Tsuneyama, Tatsuki Fukami, Miki Nakajima and Tsuyoshi Yok  
Drug Metabolism and Disposition July 2015, 43 (7) 958-968; DOI: <https://doi.org/10.1124/dmd.115.063>

Rat liver: 10 uml/g ~ mM

pecific effects on rat lung glutathione and antioxidant enzymes after inhaling ultrafine soot. *Am J Respir Crit Care Med* 197(1):10-16.

Coppitt, AR (1998) American Journal of Respiratory Cell and Molecular Biology 19:387-399. HERO ID: 87203

; mouse. *Biochem Pharmacol* . 2007 May 15;73(10):1613-21. doi: 10.1016/j.bcp.2007.01.033. Epub 2007

*Cell Mol Biol*. 2013 Jan;48(1):114-24. doi: 10.1165/rcmb.2012-0108OC. Epub 2012 Oct 11. PMID: 23065:

132; PMCID: PMC3547088.